



PROJECT OVERVIEW

The project will reduce congestion on the Richmond-San Rafael Bridge by converting the existing shoulder on eastbound I-580 to a peak-period use lane between Sir Francis Drake Boulevard (Marin County) and Marine Street (Contra Costa County). To allow for the peak-period use lane and maintain bicycle access to Point Molate in Richmond, the project will upgrade the current bicycle access that relies on the I-580 shoulder with a separate bicycle/pedestrian path on the north side of I-580 adjacent to westbound traffic.

The project also will install a concrete barrier system on the upper deck of the Richmond-San Rafael Bridge to convert the existing freeway shoulder to a barrier-separated path for bicycles and pedestrians.

Peak-Period Use Lane on I-580

The peak-period use lane will be open to motorists during the weekday evening commute hours, when eastbound traffic is highly congested. To accommodate the additional traffic, the lane will require reconstruction of some components of the freeway. These include:

- Reconstructing the Main Street on-ramp (Marin County) to improve the traffic merge with the new lane.
- Upgrading bridge approach to accommodate new traffic loads.
- Reconstructing a retaining wall in Richmond to create a safe sight distance for motorists using the new lane.
- Providing a barrier-separated bicycle/pedestrian path to Point Molate.

Bicycle/Pedestrian Path

To complete the path across San Francisco Bay, the westbound shoulder on the Richmond-San Rafael Bridge may be converted to a movable barrier-separated bicycle/pedestrian path. The movable barrier would allow Caltrans and BATA to complete bridge maintenance activities during closures of the path. These closures will typically occur at night. The path will be 10-foot wide and comply with the Americans with Disabilities Act.

PROJECT SCHEDULE (AS OF SEPTEMBER 2017)



PROJECT BENEFITS

- Reduces traffic congestion in eastbound direction of I-580 in Marin County
- Provides bicycle and pedestrian access between Contra Costa and Marin counties

COST ESTIMATE*
(JANUARY 2017)

<i>Cost estimate by major project element</i>	
Eastbound Peak Period Use Lane	\$47 M
R-SR Bridge — Bicycle Pedestrian Path	\$27 M
TOTAL	\$74 M

*Includes all support costs & movable barrier



Eastbound I-580 requires widening in Contra Costa County to accommodate the third eastbound lane. The retaining wall shown must be removed and replaced with a wall set 15 feet back from I-580.

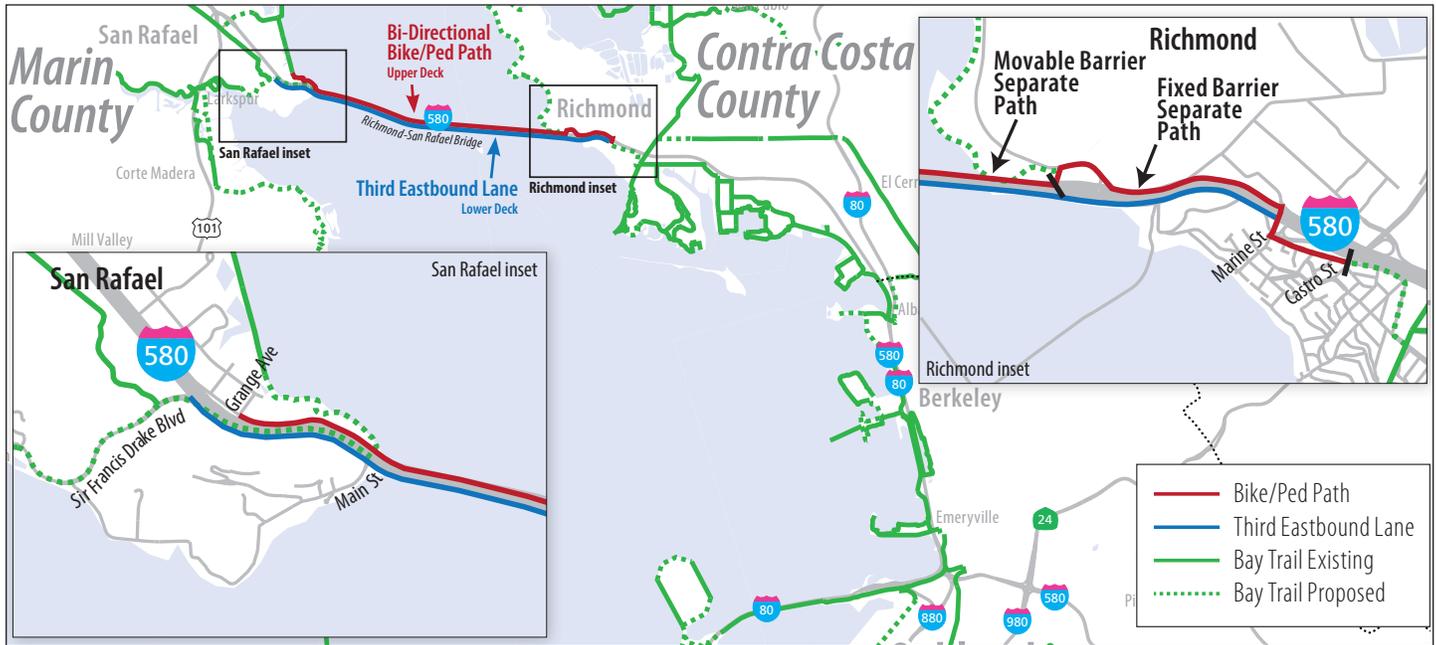
Project Approval

Design

Construction – 3rd Lane

Construction – Upper Deck Path

Advertise and Award



Connecting Marin and Contra Costa Counties for Bicyclists and Pedestrians

The Richmond-San Rafael Bridge will connect the Bay Trail between Contra Costa and Marin counties for bicyclists and pedestrians, adding another link to the future 500-mile bicycle and hiking network benefits residents in both counties. The proposed path will begin in Richmond at Castro Street and continue adjacent to westbound I-580 to Grange Avenue in San Rafael. A mix of permanent and moveable barriers will separate bicyclists from vehicle traffic.



The above rendering shows the proposed 10-foot bi-directional bicycle-pedestrian path on the upper deck of the Richmond-San Rafael Bridge. Path users will be separated from traffic by a movable concrete barrier system similar to the one installed on the Golden Gate Bridge in January 2015.

